UNITED STATES DEPARTMENT OF AGRICULTURE Bureau of Agricultural Economics and MICHIGAN DEPARTMENT OF AGRICULTURE Bureau of Foods & Standards Cooperating MARKET NEWS SERVICE ON FRUITS AND VEGETABLES MARKETING THE MICHIGAN GRAPE CROP Brief Review of the 1937 Season By R. E. Keller Market reports on grapes were issued from the Benton Harbor, Michigan office from September 27 to November 4, 1937. National Situation The United States grape crop for 1937 is estimated at 2,731,980 tons which is 43% larger than in 1936 when production amounted to 1,916,460 tons and 23% larger than the 5-year average (1928-32) of 2,214,482 tons. Favorable growing conditions in all principal grape producing sections, especially California, accounted for the bumper crop. Carlot grape shipments for the entire United States amounted to 37,367 cars (through January 1, 1938) and compares to forwardings in 1936 of 31,483 cars for the same date and 31,504 cars for the entire 1936 season. Michigan Situation Michigan's 1937 grape harvest was estimated at 67,200 tons. This is slightly under average (1928-32) of 67,960 tons but is 75% above the short crop of 1936 of 38,700 tons. The preseason prospects were for a very large crop of fine quality grapes. Rainfall was ample to keep the vineyards growing healthily and the set was heavy. However the cool weather in September combined with late growth held back maturity so late that stock did not ripen properly. There were many red berries as late as the latter part of October, especially in Van Buren County. Stock did not have the proper sugar content for fresh pressing and wine purposes until late in the season. Early frosts injured many vineyards very severely where harvesting was held back to allow the grapes to mature properly. This was especially true in vineyards with poor frost protection situated back away from Lake Michigan. Late maturity and early frosts played havoc with most vineyards in the Lawton-Paw Paw-Mattawan section. In this section many vineyards were inin the Lawton-Paw Paw-Mattawan section. In this section many vineyards were injured so badly that the grapes could not be used either for fresh or fresh juice purposes. About the only outlet was to wineries that could utilize frosted stock, or for making jam pulp. Quality likewise was injured by severe infestations of berry moth in many vineyards. This section had one of its worst grape seasons in history. F.o.b. prices were quite low. 1937 prices over the Benton Harbor Cash F.o.b. prices were quite low. 1937 prices over the Benton Harbor Cash Market averaged 21¢ for 12 quarts and 12¢ for 4 quarts and compares to 35¢ for 12 quarts and 16¢ for 4 quarts in 1936. Carlot sales on an f.o.b. usual term basis ranged from 21¢ to 27¢ for 12 quarts Concords. Carlots sales to the Surplus Commodity Corporation for Government Relief purposes moved at 25¢. Grapes sold to pressers, especially to Michigan wine makers and to fresh juice processors returned good prices. The weighted average price paid for all Michigan grapes pressed for fresh juice, jam pulp and wine juice amounted to \$43.60, the highest average price paid for juice stock since 1924, and \$1.10 a ton above the average price paid a year ago.

The agreement by the State of Michigan for tax refunds on Michigan wines to local wineries whereby the wineries agreed to pay \$55.00 a ton to growers local wineries whereby the wineries agreed to pay \$55.00 a ton to growers accounted for this high average price for juice stock in face of the large crop. State wineries report 5136 tons processed for which growers were paid \$55.00 per ton. Out-of-state wineries bought frosted grapes as low as \$10.00. A total of 10,956 tons of grapes were reported as being sold to pressers, the heaviest tonnage so handled in Michigan since records have been tabulated. Trucks continued to move the bulk of Michigan grapes. However, the rail movement picked up this season, amounting to 716 cars. Reduced rail rates into the Northwest stimulated forwarding into this territory. Commercial ships ment by rail and boat amounted to 344 cars as compared to 100 cars moved in 1936. Government purchases of grapes which were billed via rail amounted to 372 cars. Movement over the Benton Harbor Cash Market, which largely moves by trucks, amounted to 1800 cars and compares to 820 cars in 1936 and 1643 cars in 1935. Summary of Grape Movement and Average Prices of Benton Harbor Cash Market:
(Son) (Carlot Equivalents) (Value: -- 12 qts. 4 qts.) (Total Value)
(1328 \$.27 \$.12 \$.12 \$.27. (Season) \$512,307.73 537,518.00 1931 1932 2885 • 08 •15 523,844.94 657,790.37 1933 1786 .18 .12 1837 .12 • 23 1935 1643 .11 460,849.22 .18 431,204.60 501,713.19 1936 820 •16 • 35 1937 1800 • 21 .12 THE GRAPE OUTLOOK FOR 1938 Average production of grapes in the United States during the next few years, the Bureau of Agricultural Economics points out in its annual outlook, is likely to be slightly larger than the 1932-36 average of 2,100,000 tons, but considerably smaller than the near-record crop of 1937. If consumer buying power during this period remains near present levels, such crops could probably be disposed of at prices a little higher on the average than are being received for this year's extremely large crop. Continued on Page 2

THE GRAPE OUTLOOK FOR 1938

Preliminary estimates indicate that the 1938 bearing acreage of grapes in California will be about 487,000 acres, an increase of nearly 19,000 acres over that of 1936. The 1938 bearing acreage is likely to be maintained and perhaps increased slightly during the next few years, since the relatively good prices this season, considering the very large crop, are expected to encourage good vineyard care. With average yields, this acreage would produce approximately 1,875,000 tons of grapes.

There has been no pronounced transitions.

There has been no pronounced trend in production of grapes in the principal producing regions outside California. Production in these regions during the next few years will probably average near the 1932-36 average of 267,000 tons, although bearing acreage is likely to decline slightly. Reports indicate that plantings in all eastern regions are light.

(Released Washington, D.C., November 10-37)

Amount of	Grapes used by Juice	Factories in Southwestern	Michigan and Value
ALIOUITO OI	4	Weighted	
Year	Total Used	Average Returns	Total Value
1937	10,956 tons	\$43.60 per ton	\$477,630
1936	8,000	42.50	340,000
		26.26	120,800
1935	4,600	20 20	220,
1934	5,700	28.00	159,600
1934	2,432	33.00	77.286
2000		19.06	65,800
1933	3,400		13,020
1932	1,085	12.00	
1931	600	40.00	24,000
1930	4,250	40.00	170,000
1929	2,468	40.00	98,720
	8,011	32.00	256.352
1928	0,011	4 1. 50	278,050
1927	6,700		
1926	8,620	31 • 00	267,220
1925	(Very	small crop)	
1924	3,500	76.00	266,000
1923	4,500	60.00	270,000
1323	1,000		

JOBBING SALES OF MICHIGAN GRAPES IN IMPORTANT MARKETS - 1937

Sales include both rail and truck receipts. Prices for 4 qt. climax baskets are Fancy Table grade, for 12 qt. climax baskets are Number 1s.

		DETROIT						CHIC	AGO			
			Concord	s					Conco			
Date		4 qts		12 gts	Date		4	qts		12 gt		
Sept	•27	•	18	the state of the s	Sept	27	•	13-	•15	• 30-		
	28	•16 - •		•33- •35		28	•	13-	•16	•32-		
	29	•11- •		•32- •33		29		13~		• 30-		
	30					30		13-		• 27-		
Oct.	ì	15	16	·29- ·33	Oct.	1	•	11늏~	•14	•21-		
-	4	•14- •	15	·26- ·27		4	.•.	12-	.13	• 22-		
	5	•12- •		,		5	•	12-	-14	• 25⊶		
	6	•12-		·26- ·28		6	•	12-	•15	-26-		
	7	.14-		• 29		7	•	12-	-14	• 24		
	8	•13-	14	.2728		8	•	12-	.14		. 28	
	11	•13-	14	.2728		11	•	11-	•13	• 24	.27	
	12	.12-		·25- ·28		12	•	11-	•12	• 23		
	13		12	• 28		13		11=		•23⊷	<u>•</u> 25	
	$\overline{14}$	Too fer	zeles	reported to		14		12층-	13	• 22-		
	15		quote	•		15	•	12-		• 23-		
	18	11	11	11		18	•	11-		-22-		
	19		15	<u>. 2</u> 8		19	Too f	'ew s	sales	reported	to g	uote
	20	**				20		11-	•13	• 23-	• 25	
	žĩ		14	.2728		21			\bullet 14	-21-	25	
	32	Too few sa	ales rep	orted to que	te	22			.14	• 22-	• 25	
	25	11		11		25		12-		• 20-	• 25	
	26	**		11		26	•	12-	.13	• 23-	. 25	
	27	**		11		27			•13	• 22 -	.24	
v 1	28			11		28			•13	• 22-	.24	
	29	11		11		29			.13	• 22 -	•24	
Nov.	ĩ	11		17	Nov.	1			.13	•21-	-23	
	$\bar{2}$			11		2		13-	•15	•21-	• 22	

MILWAUKEE

	Conce	ords		Concords	
Date	4 qts	12 qts	Date	4 qts	12 qts
Sept.27	•15- •16	•30- •32	Oct. 14	•13- •14	•25- •27
28	•15⊶ •17	•28- •33	15	•13- •14	• 25~ • 2 7
29	•15- •17	•28- •33	18	•13 - •14	•25- •27
30	•16- •18	•28- •33	19	•13- •14	• 23
Oct. 1	•13- •14	•26- •28	20	•13- •14	• 23
4	•14- •15	• 25- • 2 7	21		• 24
5	•15- •16	.2729	22	•13- •14	• 23
. 6	•15	•27- •28	25	•13	• 23
7	•14= •15	•28	26	•13	•22- •23
8	•14- •15	•27- •28	27		• 22
ıĭ	•14	• 26- • 27	28	•13	. 22
12	•13• •14	•26 • 27	29	•13	•21
13	•13- •14	• 25 • • 27	Nov. 1	• • • • • • • • • • • • • • • • • • • •	• 20

MARKETING THE MICHIGAN GRAPE CROP (Cont'd) 1937 Season JOBBING SALES OF MICHIGAN GRAPES IN IMPORTANT MARKETS - 1937 (Cont'd)

CINCINNATI

KANSAS CITY

Conco	rds		Con	ncords
Date 4 qts	12 qts	Date	4 qts	12 qts
Sept. 28 . 20	•37- •38	Sept.28	•13- •16	•32- •34
29 • 18- • 20,	• 35 - • 3 7	29		• 40 - • 45
30 •18 ਤੁ	•33- •36	30	•	• 40 - • 50
Oct. 1 .1617	• 28- • 32	Oct. 1	•	<u>•</u> 40 - •45
4 •12• •14	•30- •31	4		•33- •40
5 •13- •14	•30 - •34	5		• 33 - • 40
6	·31- ·33	6		•33⊶ •40
7	•31- •33	7		<u>. 40</u>
8	•30- •32	8		•40- •45
11	.2931	11	ett grant	<u>•</u> 35⊷ •40
12	•28 - •30	12	• 20	•35- •40
13	• 29 - • 30	13		• 32袁-• 40
14	•28- •30	14	and the state of t	• 32 2 - • 40
15	•28⊶ •30	15	• 20	•30- •40
18	• 27- • 30	18		•35
19	<u>•</u> 27 - •30	19		<u>•</u> 32 2 − • 40
-20	•27- •29	20		• 32袁-• 45
21	<u>•</u> 27 - •28	21	· ·	• 2 7 袁⊷• 30
22	• 28 - • 30	22	1	•2 7 ₺ -• 40
25	• 25 - • 27	25	•12 2 -•15	•28- •35
26	• 24 - • 25	26	•12克 -• 15,	•28- •32
28	• 23	27	•15- •17意	• 30
29	•27- •28	28	Too few sales re	eported to quote
Nov. 1	• 23 - • 25	29	11 .	11
2	•20- •25	$Nov \cdot 1$	## 	ττ · · · · · · · · · · · · · · · · · ·
3	• 20	2	11	11

ST.LOUIS

MINNEAPOLIS

	Concor	ds	 	Co	nćords
Date	4 qts	12 qts	Date	4 qts	12_qts
Sept.28		• 35	Sept.28		• 43 • 45
29		• 35	29		• 43- • 45
30		. •35		o few sales	reported to quote
Oct. 1		• 32 1 2 • • 35	Oct. 1		<u>•</u> 43⊷ <u>•</u> 45
4	•15- •16	•30- •32	4		•35- •38
5 5	•15	•28- •30	5		•33 - •35
	•15	• 28 - • 30	6		• 33 - • 35
6 7	•15	•30- •32	7	•	• 38
8	•15	•30 •33	8		<u>.</u> 39
11		•32	11	•19- •20	• 38
12		•31 - •33	12	•18- •20	•34- •35
13	•15	• 28 - • 31	13	•18- •19	•34- •35
14	.15	•30- •32	14	•17- •18	•32- •33
15	•15	•30± •32 •30÷ •31	15	•17- •18	•33 ~ •35
18	•15				
19	•15	• 28 - • 30	18	•17- •18	•34- <u>•</u> 35
		<u>•</u> 28 ← •30	19	•17- •18	•34 · •35
20	•13 ••15	30	20	•17- •18	•34- •35
21	•13- •15	<u>•</u> 28 - •30	21		•35 •38
22	•12 - •13	<u>•</u> 29 - <u>•</u> 30	22		•35 •38
25	•12	<u>•29</u> <u>•</u> 30	25 To		reported to quote
26	•13	<u>.</u> 28- <u>.</u> 30	26	11	17
27	•11- •12	<u>•</u> 28− <u>•</u> 30	27		•34 - •35
28	•13	<u>•</u> 27- <u>•</u> 29	28		<u>•</u> 34 - •3 5
29		•26 - •28	29		• 34 ~ • 35
$Nov \cdot 1$		•25 - <u>•</u> 26	Nov. 1		•34- •35
2 3	•	•23 - •25	2		•34- •35
3		•23- •25	3		•34 •35

WEST MICHIGAN CARLOT F.O.B PRICES - 1937 SEASON

		çords	12-qt		C	oncords		12-qt*
Date	4 qts	12 qts	jui ce†	Date	. 4	qts	12 ats	juice*
Sept.27	•16			Sept.18				•25*
. 28				19	•			• 25*
29		. 27	1	20				• 25*
30	•13 ½	• 26	;	21				• 25*
Oct. 1	•13~	•21		22				• 25*
2	•13	• 21		23				• 25*
4	•13	_		25			••	25*
5	•13	$26\frac{1}{2}$ - 27	1	26				· 25*
6	• • • • •	• 26- • 26	洁	27				• 25*
7		•23- •23		28				<u>•</u> 25*
8	* * * * * *	•23- •24		29				• 25*
11 Too	few sales re	ported to	anote	30				• 25*
12	11	11	44000	50				• 23
13	Common House	11						
	er er er et er e	11	w (**)					
15			• 25*					
16			• 25*					
			* & S					

(*) Purchased by Surplus Commodities Corporation.

Basis sales: Carloads f.o.b. usual terms and carloads f.o.b. cash track. All stock graded as follows: commercial sales 4-qt. Michigan Fancy Table; 12-qt. Michigan No. 1; Relief 12-qt. U.S.No. 1 Juice.

PRODUCTION OF GRAPES 1937 SEASON WITH COMPARISONS

Note: Figures are i	n tons.						
	Average				Average	1076	1077
State	1928-32	1936	1937	State	1928-32		1937
Maine	38	20	30	Tennessee		2340	2650
New Hampshire	78	70	120	Alabama		1560	1680
Vermont	42	20	50	Mississippi		320	320
Massachusetts	526	660	900	Arkansas		7000	12800
Rhode Island	286	290	370	Louisiana		70	50
Connecticut	1794	2320	2520	Oklahoma		1600	4000
New York	84100	49300	89100	Texas		2300	2900
New Jersey	· 3040	3100	4000	Idaho		550	470
Rennsylvania	25 1 80	16000	26000	Colorado······	~	600	570
Ohio	27140	26400	37800	New Mexico		1300	1180
Indiana	3600	3100	5300	Arizona		500	56 0
Illinois	6080	4300	8600	Utah		1020	630
MICHIGAN	67960	38 7 00	67200	Nevada		90	100
Wisconsin	3 74	320	450	Washington		4600	4100
Minnesota	278	170	260			2200	2100
Iowa	7 020	2600	5000	California · · · · · 19			40.9000
Missouri	9660	5800	12300	Wine varieties 4			572000
Nebraska	2840	1000	1800	Raisin varieties 11			438000
Kansas	4420	1200	3600			82000	
Delaware		2000	2200			90000	700000
Maryland		740	750				<u>399000</u>
Virginia		5600	3000	Total U. S. 22	14482 19	16460 2	731980
W. Virginia		960	1900	1/ Short-time aver	nge.		
North Carolina		7900	8100	7/ Includes some a	uantitie	s not h	ar-
South Carolina		1950	1990	vested on accou	nt of mk	t.condi	tions.
Georgia		1850	1860	3/ Dried basis: 1 t	on dried	raisin	s equi
Florida		840	710	valent to 4 ton	s fresh	grapes.	-
Kentucky	1144	2200	2960			-	

MICHIGAN GRAPE SHIPMENTS BY COUNTIES AND BILLING STATIONS 1937

---Released at Washington, D. C. November 10, 1937

	ivay Waltistrikinan	•	(r	ail and boat)	•
County and Station				Septembe	r October	Total
Berrien		• • •				
Benton Harbor .	•	• •	•	78	97	175
Coloma				1	1	2
Derby				21	118	139
St. Joseph ·			•	9	4	13
Sawyer		•	*		7	7
Sodus			•		142	. 142
Stevensville		• *	•	14		14
${ t Total}$	1	•	•	123	369	492
						•
Cass						
Dowagiac					. 2	. 3
					•	
Van Buren	٠.	• .	•			
Lawton	a a	•		12	46	58
Mattawan		•			1	1
Paw Paw	* 1	• .		2	32	. 34
So.Haven	4	•			1	1
Total				14	80	94
Unknown #			•			114
Boat Shipments			,	5	9	14
GRAND TOTAL				142	460	716
# Reports by counti	es l	oilling	statio n	incomplete a	at time release.	

PRIMARY DESTINATIONS OF MICHIGAN CARLOT GRAPE SHIPMENTS 1937

R - Reliel						
C - Commercial		4				
State and City	Cars	State and City	Cars	State and City	Cars	5
Arizona	R C			Iowa (Cont'd)	R	C
Phoenix		arrospro	2	Minden	1	
Arkansas		Hillsboro	2	Sioux City		2
Ft. Smith	2	Jacksonville	1	Kansas		
Helena	1	Joliet	1	Concordia		2
Little Rock	2	LaSalle	1	MICHIGAN		
Newport	1	Lombard	1	Battle Creek	. 1	
Pinebluff	1	Marion	2	Bay City	. 2	
Colorado		Marshall	1 1	Big Rapids	1	
Denver	12	Mattoon	1	Calumet		6
Illinois		Mitchell	4 1	Cadillac	, .1	
Allendale	1	Pekin	1	Cheboygan	. 1	
Beardstown	1 3	Peoria	1	Detroit	. 12 1	10
Benton	3	Quincy	1	Escanaba	, 1 .	2
Blue Island	2	Rockford	1	${ t Flint}$		2
Cairo	1	Springfield	2	Grand Rapids	2	
Canton	2	Taylorville	1	Grayling	1	
Centralia	1	Urbana	1	Hancock	. 1	
Chicago	30 8	Indiana		Houghton		2
Danville	. 5	Evansville	1	Iron Mountain	1.	2 3 2
Decatur	. 1	Gary	1	Ironwood	. 2.	2
DuQuoin	1	Indianapolis	5	Ishpeming		1
E.Št.Louis	· 4	South Bend	1	Jackson	1	1
Edwardsville	. 1	Terre Haute	2	Kalamazoo	1	
Eldorado	1	Iowa		Lansing	2	
Elgin	2	Carson	1	Lola	ĩ	
Freeport	1	Clinton	2	Manistee	_	1
Galesburg	· 1	Estherville	2	Muskegon	2	

PRIMARY DESTINATIONS OF MICHIGAN CARLOT GRAPE SHIPMENTS 1937 (Cont'd)

	TINE	ATIO "	5 OF MICHIGAN CAL	ther Gi	<u> </u>	DITTALISTIC TO THE CONTRACT OF
R - Relief						
C - Commercial			0.1.1	Car	-+	State and City Cars
State and City		ars	State and City		5-1	Tennessee (Cent'd) R C
Michigan (Cont'd)	R	<u>C</u>	North Dakota (Co	ont)K	<u>C</u>	Memphis 2
Newberry	1		Jamestown	Ţ].	Nashville 2
Pontiac	ī	1	Killdeer	1		
Port Huron	1		Linton	1		Texas El Paso . 2
${ t Stambaugh}$	1		Mandan	1		
Traverse City	1		Minnewaukau	1		Utah Salt Lake City 1
Minnesota			Minot	3	5	Bar a Hear and
Aitkin	1		Mott	1		Wisconsin .
Austin		1	Napoleon	1		Eau Claire 2
Breckenridge		1	Selfridge	1		Fond du Lac 1
Bemidji	1	1	Stanley	2		Green Bay 1
Benson	2		Steele	1		Hayward 1
Brainerd	1		Towner	2		Kenosha 1
Detroit Lakes	1		Valley City	1		Madison 2
Duluth	4	7	Wahpeton		1	McAllister 1
Elbow Lake	1		Walford City	1		Milwaukee (Boat) 14
Faribault	2		Washburn	ì		Milwaukee (Rail) 10
Hopkins	ĩ		Williston	2	2	Superior 1
Mankato	ī		Wishek	~	ĩ	
Minneapolis	8	137	Ohio		-	MODAT DU COLONO
Olivia	ĭ	_ 5 .	Canton	1		TOTAL BY STATES
Owatonna	_	1	Cincinnati	8		State Cars - R C
Rochester	2	-	Cleveland	ĭ		State Cars - R C
	ĩ		Columbus	$\overset{1}{4}$		
Roseau St. Cloud	3			2		Arizona 2
	1		Dayton New Lexington	ĩ		Arkansas 7
St. James	5	59	Portsmouth	i		Colorado 12
St. Paul	1	59	Steubenville	i		Indiana 10
Savage	-	٦.		2		Illinois 76 13
Thief River Fall	-	1	Youngstown	ĩ		Iowa 4 4
Virginia	1		Zanesville	1		Kansas 2
Warren	1		Oklahoma	7	1	Michigan 38 31
Willmer		1	Alva	1	7	Minnesota 41 210
Winona	1	1	Antlers	4		Missouri 31 1
Missouri	_		Claremore	$\overset{4}{1}$	1	Nebraska 9
Camden	1		Enid	1	1	N.Dakota 35 27
Hannibal	1		Guthric	4		Ohio 22
Jefferson City	2		Lawton	4 2 2 4 4		Oklahoma 35 2
Joplin	1 5 2 3 3 6		Mangum	2		Pennsylvania 1
Kansas City	5	1	$ exttt{McAlester}$	2		S. Dakota 35 11
Moberly	2		Muskogae	4		Tannessee 8
Polar Bluff	3		Okemah	4		Texas 2
St. Joseph	3		Purcell	4		Utah 1
St. Louis	6		$\mathtt{Shattuck}$	2		Wisconsin 20 14
Springfield	7		Stillwater	1		~~~
Nebraska			Pennsylvania			TOTAL372 332
Gering	1		Milbell	1		Unknown 12
Grand Island	-2		South Dakota			GRAND TOTAL 716
Lincoln	2		Aberdeen	7	4	
Norfolk	1		Chamberlain	1		
Omaha	3		Huron	. 5	1	
North Dakota			Mobridge	. 4.		
Bismarck	3	4	Pierre	· 1		
Bowbells	2		Rapid City	5		•
Crosby	ĩ		Sioux Falls	. 5	4	
Devils Lake	ī		Watertown	. 2	2	
Dickinson	マ		Watertown Winner	3	r.	
Dover	3 1		Winner Yankton	2		and the second of the second o
Fargo	i					
rargo Fessenden	i		Tennessee	1		
ressenden Grand Forks	i		Chattanooga			
Hettinger	1	2	Jackson	1.		
nethinger		/.	K TO O TESTED I I GO			

BENTON HARBOR CASH MARKET ON GRAPES -- 1937 SEASON

Note: Price ranges are for truckloads, cash to growers, 4 qt. packages are Fancy table, 12 qt. packages are No. 1 grade. Daily movement over the market, calculated with the following carlot equivalents: 4 qt. packages 3,000 to the car,

Knozville

Hettinger

10.000	packages 1	200 to th	2.000		1			
12 dr.	Packages 1	,200 00 011	Moores For	ly-Wordens	Conco	ade.	Carlot	Equiv.
	Champi				4 qts	12 ats	4 ats	12 qt
Date	4 qts	12 qts	4 qts	· 12 gts	± 405	10 400	•60	• 23
Aug. 30	•11- •12						1.00	• 52
31	•10- •12	•20- •23		•	•	•	1.70	1.28
Sept•1	•10- •11	•18- •22				. • :	1.72	.84
2	•09- •11	• 20 - • 22 2	•15				-68	1.21
3	•10- •11	•18- •20					2.38	3.09
6	•10~ •12	•21- •22	•14- •16					3.83
7	•10- •12	.1922	•13- •15		•		2.83	
8	•10- •12	•18- •21	•13- •14	•20- •22	•		3.73	3.24
9	.1012	.1721	.1215	• 20- • 25		•	4.87	3.67
10		.1720	•12 - •15	·20- ·22			4.01	3.04
12		.1820	•13- •15	· •22- •25			5.14	3.78
13		•20- •22		24 26		•2 4- •26	1.93	1.70
14		•20- •22	•15- •17				5.14	3.8 3
15		•22- •23,	•14- •17				4.3 7	3.54
16		· 25- · 27=		• 20 • 20	•	•	3.59	3 • 3 3
17		24- 28	•15- •18	•30- •35	.1518	•30- •35	2.17	2.33
		25- 27	.1418	•30- •35	•14- •18	•30- •35	4.63	3.63
19		and the second s			.15= .17,	• 35 • 38	3.12	2.91
30		• 23- • 28	•15, •17			•33- •35	7.51	10.69
21		•25- •28		± •33 - •35	•13克-•16克	.3238	6.73	16.20
22			•14- •16		•14- •16 2		7.99	27.07
23			•11- •14		•11- •14	•25- •31	5.76	26.27
24		 '	•12- •13		·12- ·13	•23- •30	11.24	46.25
26	Delawares	<u> </u>	•12- •14	.2428	$\cdot 12 - \cdot 14$	•24- •28		36.03
27			•13- •14	₹ •24- •27	•13克 •14克	•24- •27	6.90	66.87
28	L.,			_	•13- •15章	· 24 ÷ · 27	12.17	
29			•12- •13	₹ •22 - •27	•12岁-•13岁	·22- · 27	12.73	72.75
30				-	.1012	.1923	12.40	83.78
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BENTON HARBOR CASH MARKET ON GRAPES -- 1937 SEASON (Cont'd) ' Note: Price ranges are for truckloads cash to growers, 4 gt. packages are Fancy table, 12 qt. packages are No. 1 grade. Daily movement over the market, calculated with the following carlot equivalents: 4 qt. packages 3,000 to the car, 12 qt. packages 1,200 to the car.

				Niagar	as		Conc	ords	Carlot	Equiv.
Date :		. 1	. 4	qts.	. 12	ats.	4 qts.	12 qts	4 qts.	12 qts.
Da.ce				1	-					
Oct. 1	•		•	4		-30	.0910	$.1821\frac{1}{2}$	10.71	66.39
. 3	•	•		•		.30	.1112	.2023	10.02	60.13
4					.27-	.30	.1012	.2123½	6.65	41.91
. 5			,		.27-	.31	.1112	.2123	8.42	60.89
6		•		•	.28-		·11-·11를	$.2123\frac{1}{2}$	11.30	71.93
7	•	•	•	٠ -	.28-	.32	.1011	.2123	8.03	94.56
.8	•	•	•	•	.30		.0911	·20~·21克	7.18	81.60
. 10	•				.30		.0911	$.2023\frac{1}{2}$	10.81	81.24
11	•		·			.31	.10	$20 - 23\frac{7}{2}$ $20 - 21\frac{7}{2}$	6.92	49.37
12							.1010 1	.2021분	3.90	56.35
13	•				.27-	.30	.091Õ	.2021 .	4.14	49.67
14			,		.25		.1011	.2022 .	3.54	43.88
15	•	•			.30		.0911	.2021	4.06	39.27
17	• .	•					.0910	.1819	6.77	70.35
18	• ;						.09 <mark>분~ .1</mark> 0	.1719	2.13	20.36
. 19					.22-	.25	ح	$.1921\frac{1}{2}$	2.01	24.61
20							•11-•13½	•20 - •22 ¹ /2	2.27	11.61
21	er all a service			1.4			.1012	•20 - •22₹	4.02	29.37
22							$.69\frac{1}{2}$ 12	.1822~	3.07	24.25
24						•	.1012	.1820	1.30	19.72
25							$.1011\frac{1}{2}$.17 ½ 20	1.12	15.23
26	100						.10	.1619	2.96	18.81
27							.0910	.1618	1.93	16.93
28							.1611 =	.1618	1.72	13.09
29							. 09½10°	.1618	.64	8.51
31					,		.10	.1518	.62	11.48
Nov. 1							•10½	.1518	.43	4.33
2							·08 - ·09	.1516	.45	5.55
3							.09	.1617	.22	2.11
4		*						.1619		2.52
5			100				•೧9 <u>ಕ</u> ಿ	.1518	.09	.87
7							.0809	.1620	.13	2.05
9							.10	.1620	.02	.74
3				Ean	ivale	ats n	revious to		. 2.58	.16
				Tot	al fo	r ent	ire season	•	267.	1533.

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